INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/41212

	PC1/US02/41212
A. CLASSIFICATION OF SUBJECT MATTER	
IPC(7) : G06F 15/16	
US CL : 709/201, 203, 204, 205	
According to International Patent Classification (IPC) or to both national classification and IPC	
B. FIELDS SEARCHED	
Minimum documentation searched (classification system followed by classification symbols)	
U.S.: 709/201, 203, 204, 205, 206, 240	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)	
C POCKULENING COLUMN TO THE TOTAL THE TOTAL TO THE TOTAL THE TOTAL TO	
C. DOCUMENTS CONSIDERED TO BE RELI	
Category * Citation of document, with indicati	ion, where appropriate, of the relevant passages Relevant to claim No.
	2001 (21.08.2001), column 1, line 4-column 32, 1-30
line 26.	1 30
Y, P US 6,442,594 B1 (OUCHI) 27 August 2	2002 (27.08.2002), column 1, line 5-column 32, line 1-30
26.	2002 (27.00.2002), Column 1, Thie 3-Column 32, Thie
1	002 (9.04.2002), column 1, line 5-column 32, line 1-30
34.	102 (9.04.2002), column 1, line 5-column 32, line
34.	
•	
<u> </u>	
Further documents are listed in the continuation	of Box C. See patent family annex.
	reconstruction of the second o
* Special categories of cited documents:	"T" later document published after the international filing date or priority
"A" document defining the general state of the art which is not cons	date and not in conflict with the application but cited to understand the sidered to be principle or theory underlying the invention
of particular relevance	, , , , , , , , , , , , , , , , , , , ,
"E" earlier application or patent published on or after the internation	"X" document of particular relevance; the claimed invention cannot be
"E" earlier application or patent published on or after the internatio	onal filing date considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which	
establish the publication date of another citation or other specia	al reason (as "Y" document of particular relevance; the claimed invention cannot be
specified)	considered to involve an inventive step when the document is
"O" document referring to an oral disclosure, use, exhibition or oth	combined with one or more other such documents, such combination being obvious to a person skilled in the art
	being devices to a person skined in the art
"P" document published prior to the international filing date but late	ter than the "&" document member of the same patent family
priority date claimed	
Date of the actual completion of the international searc	ch Date of mailing of the international search report
05 March 2003 (05.03.2003)	26 MAR 2003
Name and mailing address of the ISA/US	
Commissioner of Patents and Trademarks	Many A James B. Mattalain
Box PCT Washington, D.C. 20231	Meng-Ai An James R. Matthews
Facsimile No. (703)305-3230	Telephone No. (703) 305-3900
· · · · · · · · · · · · · · · · · · ·	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\